

SYMPOSIA FOR 15TH ANNUAL
WINTER NEUROPEPTIDE CONFERENCE

SATURDAY
5 February, 1994

SESSION I

PANEL: "Powerful Neuropeptides, Redundant, Fail-Safe or Specific?" Fleur L. Strand, Carroll and Milton Petrie Professor of Biology, New York University, Department of Biology and Center for Neural Science, Washington Square, New York, NY 10003.

"How specific are the metabolic signals and steroidal influences on peptides that regulate ingestive behavior?" Sarah Leibowitz, Professor, Rockefeller University, New York.

"The power of peptides on reward behavior." Bart Hoebe, Professor, Princeton University, Department of Psychology, Princeton, NJ.

"Possible mechanisms for powerful action of neuropeptides." Kjell Fuxe, Professor, Department of Histology and Neurobiology, Karolinska Institutet, Stockholm, Sweden.

"Specificity vs redundancy of melanocortins in nerve regeneration." Frank Antonawich, Ph.D., Department of Biology and the Center for Neural Science, New York University, Washington Square, New York.

"Mechanisms of action of melanocortins: lone agents or coworkers in the field?" P.D. Bar, Rudolf Magnus Institute, University of Utrecht, The Netherlands

SESSION II

PANEL: "Models of Behavioral Actions of Neuropeptides." Bill E. Beckwith and Francis W. Flynn, Memory Disorders Clinic, Lee Memorial Hospital, Fort Myers, FL and Department of Psychology, University of Wyoming, Laramie, Wyoming.

"Neuropeptides, learning, and memory: human models." Bill E. Beckwith, Memory Disorders Clinic, Lee Memorial Hospital, Fort Meyers, FL.

"Neuropeptides, alcohol, and memory: non-human animal models." Deborah Colbern, UCLA Brain Research Institute, Los Angeles, CA.

"Neuropeptides in the regulation of feeding and eating: Human models." James Gibbs, Cornell University Medical Center.

"Neuropeptides in the regulation of feeding and eating: non-human animal models." Francis W. Flynn, Department of Psychology, University of Wyoming, Laramie, WY.

SUNDAY
6 February, 1994

SESSION III

PANEL: "Neuropeptides as Mediators of Alcohol-Related Behaviors" V. Gene Erwin Ph.D.

MONDAY
7 February, 1994

SESSION IV

PANEL: "Methods and Applications for Studying the Passage of Peptides Across the Blood-Brain Barrier." William A. Banks, Veterans Affairs Medical Center and Tulane University, New Orleans, LA.

"Peptides and the blood-brain barrier: The status of our understanding." David Begley, Lecturer in Physiology, Kings College, London.

"Factors influencing the permeability of peptides to the blood-brain barrier." Michel Lemaire, Sandoz, Basel, Switzerland.

"Brain perfusion for studying transport rates of peptides." Berislav Zlokovic, UCLA, Los Angeles, CA.

"Brain to blood transport of peptides and the alcohol withdrawal syndrome." William A. Banks, Veterans Affairs Medical Center and Tulane University, New Orleans, LA.

SESSION V

PANEL: "Cytokines and the Brain": Jeannine A. Majde, Ph.D. Office of Naval Research, Arlington, VA.

"Cytokines as somatic modulators of neural function." Jeannine A. Majde, Ph.D., Office of Naval Research, Arlington, VA.

"Interactions between cytokines and the HPA axis." Akira Arimura, Tulane University, Herbert Center, New Orleans, LA.

"Modulation of the GABA-A receptor by cytokines." Larry Miller, Tufts University Medical School.

"Cytokines as regulators of sleep and brain temperature." James Krueger, University of Tennessee Medical School.

TUESDAY
8 February, 1994

SESSION VI

PANEL: "Mediation of Neurotrophism and Nerve Regeneration by Peptides." Douglas E. Brenneman, Ph.D., Laboratory of Developmental Neurobiology, NIH, Bethesda, MD.

"PACAP increases neuronal survival in developing chick embryos." Akira Arimura, Tulane University, Herbert Center, New Orleans, LA.

"Regulation of peripheral nerve regeneration by insulin-like growth factors." Gordon Glanzer, Department of Physiology and Biochemistry, Colorado State University, Fort Collins, CO.

"Transient expression of mammalian bombesin receptors in the developing pituitary gland." James Battey, Laboratory of Biological Chemistry, NIH, Bethesda, MD.

"Exploration of VIP function in the developing CNS with novel peptide analogues." Douglas E. Brenneman, Ph.D., Laboratory of Developmental Neurobiology, NIH, Bethesda, MD.

SESSION VII

PANEL: "The Role of Maternal Peptides in Fetal/Neonatal Development." Joanna M. Hill, Ph.D., Laboratory of Developmental Neurobiology, NIH, Bethesda, MD.

"Disregulation of the maternal/fetal HPA axis influences fetal development and birth outcome." Curt A. Sandman, Department of Psychiatry, University of California, Irvine and State Developmental Research Institutes, Costa Mesa, CA.

"Milk-borne peptides in the developing neonate." Thomas P. Davis, Department of Pharmacology, University of Arizona, Tucson, AZ.

"Pharmacological manipulation of embryonic growth: implications for maternal-fetal interactions." Douglas E. Brenneman, Laboratory of Developmental Neurobiology, NIH, Bethesda, MD.

"Evidence that maternal VIP regulates fetal development." Joanna M. Hill, Laboratory of Developmental Neurobiology, NIH, Bethesda, MD.

POSTER SESSION

SPECIAL SESSION OF PANEL: "Young Investigator Presentations." Bibie M. Chronwall, Ph.D., School of Biological Sciences, University of Missouri-Kansas City, Kansas City, MO.

GENERAL SESSION: "Contributed Poster Presentations."